

US 50 IS ASSUMED TO RUN  
IN A EAST / WEST DIRECTION

EXISTING EQUIPMENT  
TO BE RELOCATED

a,b,c,d

PROPOSED SIGNS

21,22,  
23,24  
Tilghman RD  
D-3(1)  
(VAR. X16")  
(DUAL FACE)

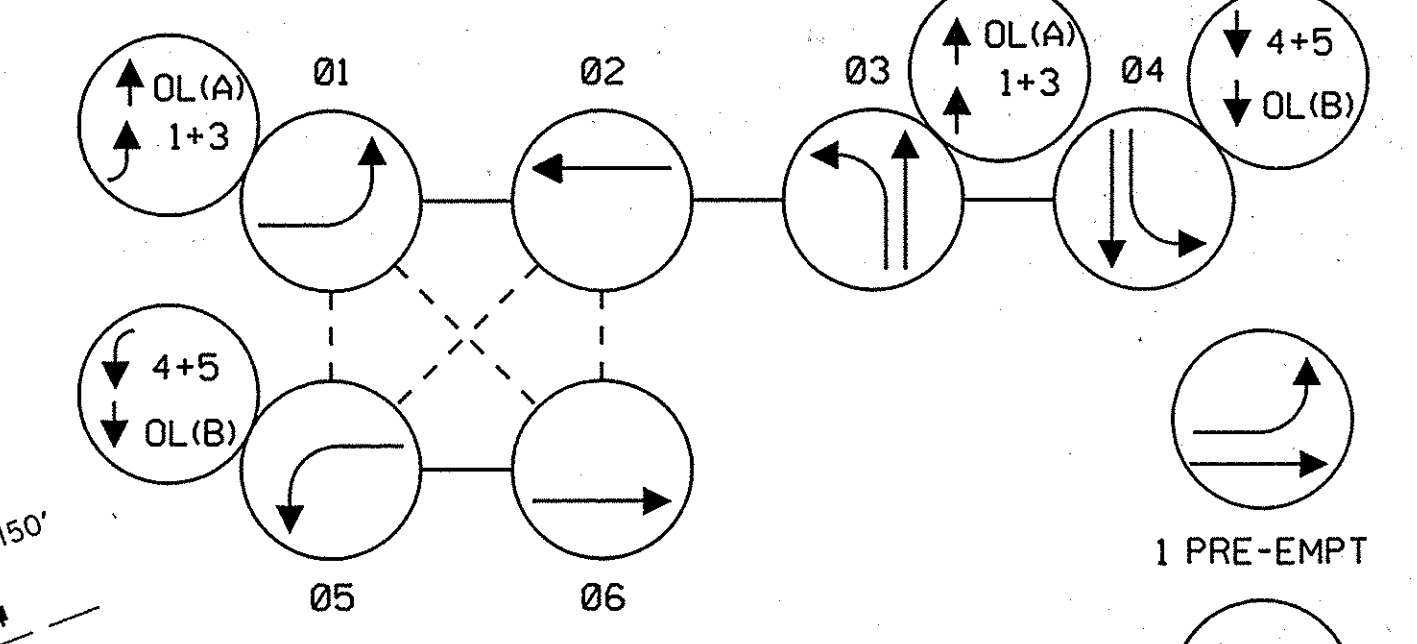
PROPOSED SIGNALS

1,2,3  
6,7,8  
4,5,9,10,12,  
14,15,16,17,18  
12"  
12"  
11,13  
15,17  
12"  
12"

PROPOSED  
OPTICOM DETECTOR

19,20

PROPOSED NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

1 PRE-EMPT

2 PRE-EMPT

FLASHING OPERATION

CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, OPTICOM DETECTOR, 20' LIGHTING ARM, 250 HPS LUMINAIRE AND EXISTING OVERHEAD VIDEO DETECTION CAMERA. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 70 AND 50 FT. MAST ARMS, WITH SIGNAL HEADS, SIGNS, AND EXISTING OVERHEAD VIDEO DETECTION CAMERA, 20' LIGHTING ARM AND 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
- INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
- INSTALL CONCRETE FOUNDATION WITH A 14 FT. STEEL PED POLE WITH SIGNAL HEADS. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH A 38 FT. MAST ARM, WITH SIGNAL HEADS AND SIGNS AND 20' LIGHTING ARM, 250 HPS LUMINAIRE (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND)
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- INSTALL HANDHOLE.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- REMOVE EXISTING POLE AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
- REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
- REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL. DISCONNECT AND RELOCATE THE EXISTING INTERCONNECT CABLE.
- CAP AND ABANDON EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER. CAP AND ABANDON EXISTING EQUIPMENT.
- INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR LETTERS. (SEE GENERAL NOTE 9)
- INSTALL NON-INVASIVE MICROLOOP PROBES WITH LEAD-IN CABLE. (TO BE PLACED IN THRU LANE ONLY).
- INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOPLINE. (SEE GENERAL NOTE 9)
- INSTALL VIDEO DETECTION IMAGE.
- INSTALL METERED SERVICE PEDESTAL.
- REMOVE EXISTING SERVICE.
- REMOVE EXISTING HANDHOLE.
- USE EXISTING HANDHOLE AND PULL BACK EXISTING INTERCONNECT.
- RELOCATE EXISTING CAMERAS ON MAST ARMS AS SHOWN.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED FOR TELEPHONE SERVICE. (100 FT.)

- DD. INSTALL 24 IN. x 36 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR YIELD LINES. (SEE GENERAL NOTE 9)
- EE. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR ARROWS. (SEE GENERAL NOTE 9)
- FF. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US 50 BUSINESS AT TILGHMAN ROAD  
WICOMICO COUNTY, MARYLAND

TRAFFIC SIGNAL PLAN		
SCALE 1"= 30'	DATE 3-8-78	CONTRACT NO. W13775176
DESIGNED BY	COUNTY	WICOMICO
DRAWN BY	LOGMILE	22005018.18
CHECKED BY	T.I.M.S. NO.	H285
F.A.P. NO.	TOD NO.	
DRAWING NO.	1559H	SHEET NO. 32 OF 33

APPROVALS	REVISIONS
TEAM LEADER	RECONSTRUCT SIGNAL FOR NEW GEOMETRICS. 9-07
ASST. DIV. CHIEF	M.H. J.A.B. 11-04
DIVISION CHIEF	AS BUILT 11-04
OFFICE DIRECTOR	INSTALL VIDEO DETECTION SHA NO. AT 3885185 3-84

BAI BRUDIS & ASSOCIATES, INC.  
CONSULTING ENGINEERS

9220 RUMSEY ROAD, SUITE 110  
COLUMBIA, MARYLAND 21045  
(410)-884-3607

SCALE: 1"= 30'

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

BY: MATTHEW